

Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. 030681-541	APPLICATION NO. Unassigned
	APPLICANT Won-hee CHOE et al.	
	FILING DATE July 18, 2003	GROUP Unassigned
	<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
MB	5,315,694		Kasano	05-24-1994
MB	5,450,217		Eschbach et al.	09-12-1995
MB	6,188,788		Renner et al.	02-13-2001

FOREIGN PATENT DOCUMENTS					
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature <i>M. Del Angel</i>	Date Considered <i>4/10/07</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**SECOND  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete if Known**

Application Number 10/621,306  
 Filing Date July 18, 2003  
 First Named Inventor Won-hee Choe et al.  
 Examiner Name  
 Attorney Docket Number 030681-541

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
MM	4,805,016		Haruo Kato	02-14-1989

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS					
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract
MM	*EP 0 989 739	A2	Europe	03-29-2000				*		
MM	*EP 0 989 739	A3	Europe	09-25-2002				*		
MM	*EP 1 326 425	A2	Europe	07-09-2003				*		
MM	*EP 1 215 886	A2	Europe	06-19-2002				*		

**NON-PATENT LITERATURE DOCUMENTS**

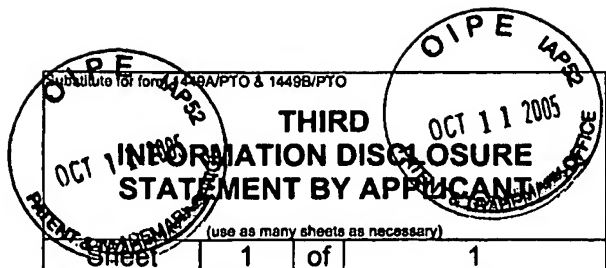
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
MM	*European Patent Office Search Report

\* Copy Attached

Examiner Signature	<i>Michael D...</i>	Date Considered	6/14/07
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Substitute for forms 1449A/PTO & 1449B/PTO

# THIRD INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number 10/621,306  
Filing Date July 18, 2003  
First Named Inventor Won-hee Choe et al.  
Examiner Name  
Attorney Docket Number 030681-541

## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Office Action	IPER	Abstract	Cited in Spec
WMB	*11-285019		Japan	10-15-1999				X		X	
WMB	*2001-177731		Japan	06-29-2001				X		X	
WMB	*2001-218078		Japan	08-10-2001				X		X	
WMB	*5-81418		Japan	04-02-1993				X		X	
WMB	*2003-316343		Japan	11-07-2003				X		X	

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Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
WMB	*Japanese Office Action dated on July 13, 2005

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Examiner Signature	<i>Made P...</i>	Date Considered	6/10/07
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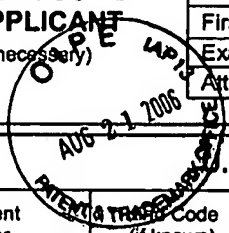
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**FOURTH**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/621,306
Filing Date	July 18, 2003
First Named Inventor	Won-hee Choe et al.
Examiner Name	
Attorney Docket No.	1030681-000541



## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Classification Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
WJ	4,805,016		KATO	02-14-1989

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Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Office Action	IPER	Abstract	Cited in Spec
WJ	*0 989 739	A2	EP	03-29-2000				X			

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
WJ	*First Office Action issued by The Patent Office of the People's Republic of China on November 4, 2005 for Chinese Application No. 0317 8485.2 and English translation thereof

\*Copy attached

Examiner Signature	Date Considered
<i>Michael P. ...</i>	6/16/07

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